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TEMPERATURE REGULATION OF MIRROR AND SPECTROGRAPH*

(Abstract)

Two Callendar Recorders recently installed at Victoria give continuous records of temperatures, one of the dome and mirror and the other of the spectrograph. The records of the former are of interest and value in showing how effectively the insulating covering around the mirror protects it against the daily change of temperature. The recorder for the spectrograph is arranged also to automatically regulate the temperature. This regulation is much more sensitive and constant than by other thermostatic devices, the variation in the outer case being less than one-tenth of a degree.

J. S. PLASKETT.

THE RADIAL VELOCITIES OF 600 STARS*

(Abstract)

The completion of the radial velocities of these stars has been considerably delayed by unusually poor observing weather since last September but the velocities are now being printed as the first number of the second volume of the publications of the observatory. In the abstract of this work presented at the meeting only some general particulars of the most interesting features will be given.

J. S. PLASKETT,
W. E. HARPER,
R. K. YOUNG,
H. H. PLASKETT.

PRELIMINARY NOTE ON SPECTROSCOPIC PARALLAX DETERMINATIONS AT VICTORIA*

(Abstract)

Spectrograms are being obtained of stars of known parallax so that the spectroscopic method of obtaining parallaxes may be applied to those plates already obtained at Victoria for radial velocity.

R. K. YOUNG,
W. E. HARPER.